SMALL MOTOR, SMALL VIBRATION MOTOR, AND PORTABLE INFORMATION APPARATUS

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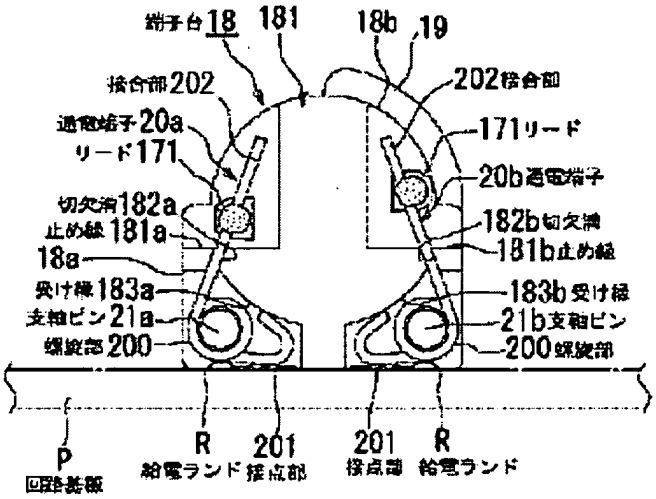
Abstract of **JP2003174753**

PROBLEM TO BE SOLVED: To miniaturize the whole motor, and positively perform electrical connection through an engaging terminal by enabling easy assembly of the motor itself. SOLUTION: An insulating-resin terminal block body 18 to be fitted in and secured is provided on one end of a motor housing 10, and a pair of supporting pins 21a, 21b are protruded in the roughly parallel direction with a plate surface of a printed circuit board P and supported by the terminal block body 18. Respective leads 171 of a motor driving circuit are guided outward from the terminal block body 18. Central spiral parts 200 are fitted on the axial lines of the supporting pins 21a, 21b. A pair of torsion springs 20a, 20b are provided as engagement terminals with one spring end 201 taken as a contact point with a feeding land R of the printed circuit board P, and the other spring end 202 taken as a contact point with a lead of the motor driving circuit.



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